

Title (en)
APPARATUS AND PROCESS FOR THE FABRICATION OF OPTICAL FIBRES

Publication
EP 0082517 B1 19860319 (EN)

Application
EP 82111815 A 19821220

Priority
IT 6865581 A 19811222

Abstract (en)
[origin: EP0082517A1] The apparatus is composed of two coaxial crucibles (3, 4) the outer one (4) presenting a low-softening temperature, so that it might be drawn with the raw materials. Thus a fibre is obtained with an outer coating which protects it against atmospheric agents. According to this process raw materials are used allowing the fabrication of fibres which may be used to transmit optical radiations with wavelengths longer than 5 μ m, with an attenuation minimum lower than 10<-3> dB/km.

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IPC 8 full level
C03B 37/02 (2006.01); **C03B 37/023** (2006.01); **C03B 37/025** (2006.01); **C03B 37/027** (2006.01); **G02B 6/00** (2006.01)

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EP 0082517 A1 19830629; **EP 0082517 B1 19860319**; AT E18661 T1 19860415; AU 536495 B2 19840510; AU 9133082 A 19830630; BR 8207118 A 19831011; DE 3270048 D1 19860424; DE 82517 T1 19831208; DK 547582 A 19830623; ES 518408 A0 19840116; ES 8402430 A1 19840116; IT 1145605 B 19861105; IT 8168655 A0 19811222; JP S58110441 A 19830701; JP S5941932 B2 19841011; NO 155930 B 19870316; NO 155930 C 19870624; NO 824217 L 19830623

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